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- + ADMITTED IN PENNSYLVANIA
- ‡ ADMITTED IN NEW YORK * NOT ADMITTED IN D.C.

Assistant Commissioner for Patents Washington, D.C. 20231

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12 March 2001

INTELLECTUAL PROPERTY LAW

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- Via Local Courier
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- Via E-Mail Attachment
- ☐ Please Acknowledge Receipt

Attorney Docket: P56259

Sir:

Submitted herewith is the following patent application:

Inventor:

1) KYUNG-HWAN KIM

Title:

APPARATUS FOR TRANSMITTING AND RECEIVING RADIO

SIGNALS IN A PICO-BTS

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 2 sheets, Figures 1 through 2

Claim of priority under 35 U.S.C. §119:

YES

** The Republic Of Korea Application No. 2000-28157 filed on 24 May 2000.

FEE (see formula below): CHECKS ARE ENCLOSED (#39229 and #39230)

| Basic Fee \$355/710 | \$ <u>710.00</u> | | |
|--|-----------------------------------|--|--|
| Additional Fees: | | | |
| Total number of claims in excess of 20: times \$9/18. | \$ <u>0.00</u> | | |
| Number of independent claims in excess of 3: times \$40/80 | \$ <u>0.00</u> | | |
| Multiple Dependent Claims \$135/270 | \$ <u>0.00</u> | | |
| An Assignment is likewise enclosed: Recording Fee \$40 Filing Non-English specification | \$ <u>40.00</u> \$ <u>0.00</u> | | |
| TOTAL FEES FOR THE ABOVE APPLICATION | \$750.00 | | |



Inventor: 1) KYUNG-HWAN KIM

<u>Title</u>: APPARATUS FOR TRANSMITTING AND RECEIVING RADIO

Docket No.: P56259

SIGNALS IN A PICO-BTS

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell 1522 K Street, N.W. Suite 300 Washington, D.C. 20005

Respectfully submitted,

Robert E. Bushnell

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REB/sb

PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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| | | Complete If Known | | | | | | |
|--|-------------|-----------------------------|-------------|--------------------|---|--|-------------|----------------|
| FEE TRANSMITTAL | Appli | cation | Numb | er | To be assigned | | | |
| Patent fees are subject to annual revision. | Filing | Filing Date | | | 1: | 12 March 2001 | | |
| | First | Name | d Inve | ntor | KYU | KYUNG-HWAN KIM | | |
| | | niner N | | | T | To be assigned | | |
| | - | | | | | | | |
| | Grou | Group/Art Unit | | | To be assigned | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 750.00 | Attor | Attorney Docket No. | | | P56259 | | | |
| METHOD OF PAYMENT (check one) | | FEE CALCULATION (continued) | | | | | | |
| 1. The Commissioner is hereby authorized to charge indicate fees and credit any over payments to: | ed 3. | ADDITIO | NAL F | EES | | | | |
| Deposit Account Number: 02-4943 | Large | Entity | Small | Entity | | | | |
| Deposit Account Number: | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee De | scription | | Fee Paid |
| ☐ Charge Any Additional Fee Required Under 37 C F R. §1.16 at | | 130 | 205 | (3) 65 | Surcharge-late filing fee | or oath | | \$ |
| 1.17. | _ | 50 | 207 | 25 | Surchargo late provincian | al filmo fec | or cover | sheet \$ |
| Applicant claims small entity status. See 37 CFR 1.27 | 127 139 | 50 130 | 227 139 | 25 130 | Non-English specification | urcharge-late provisional filing fee or cover sheet \$ on-English specification \$ | | |
| 2 ■ Payment Enclosed: | 147 | 2,520 | 147 | 2,520 | For fling a request for ree | | n | \$ |
| 2. Payment Enclosed: '(CHECK #39229 & #39230) | | | | | | | | |
| Check Credit Card Money Order Other | 112 | 920* | 112 | 920* | Requesting publication action | of SIR p | rior to Ex | aminer \$ |
| FEE CALCULATION | 113 | 1,840 * | 113 | 1,840* | Requesting publication of | of SIR after | Examiner | |
| EBASIC FILING FEE | 115 | 110 | 215 | 55 | Extension for reply within | | | \$ |
| Large Entity Small Entity | 116 | 390 | 216 | 195 | Extension for reply within | | | \$ |
| Fee Fee Fee Fee Code (\$) Fee Description Fee Paid | 117 | 890 | 217 | 445 | Extension for reply within | | | \$ \$ |
| (*) | 118 | 1,390 | 218 | 695 | Extension for reply within | | | \$ \$ |
| 10 710 201 355 Utility filing fee \$710 00 | 128 | 1,890 | 228 | 945 | Extension for reply within Notice of Appeal | i iligi mon | ш | \$ |
| 106 320 206 160 Design filing fee \$ | 119 120 | 310 310 | 219 220 | 155 155 | Filing a brief in support of | of an anne | al | \$ |
| 1 10 2 201 2 10 1 Identified 10 | 121 | 270 | 221 | 135 | Request for oral hearing | | ۵۱ | \$ |
| 10態 710 208 355 Reissue filing fee \$ 11 | 138 | 1,510 | 138 | 1,510 | Petition to institute a pub | | oceeding | \$ |
| SUBTOTAL (1) (\$) 710.00 | 140 | 110 | 240 | 55 | Petition to revive - unavo | | ŭ | \$ |
| 2 EXTRA CLAIM FEES | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional \$ | | | \$ |
| Extra Fee from Fee | 142 | 1,240 | 242 | 620 | Utility issue fee (or reiss | ue) | | \$ |
| Claims below Paid | 143 | 440 | 243 | 220 | Design issue fee | | | \$ |
| Total claims -20** = x = | 144 | 600 | 244 | 300 | Plant issue fee | | | \$ |
| Independent - 3** = x = | 122 | 130 | 122 | 130 | Petitions to the Commiss | sioner | | \$ |
| Claims | 123 | 50 | 123 | 50 | | Petitions related to provisional applications \$ | | |
| Multiple Dependent = | 126 | 240 | 126 | 240 | | Submission of Information Disclosure Statement \$ | | |
| ** or number previously paid, if greater, For Reissues, see below | 581 | 40 | 581 | 40 | Recording each patent a (Times number of prope | | t per prope | επу \$40.00 |
| Large Entity Small Entity | 146 | 710 | 246 | 355 | Filing a submission after | | etion | |
| Fee Fee Fee Fee Fee Description Code (\$) Code (\$) | 146 | 710 | 240 | 300 | (37 C F.R §1.129(a)) | i ililai rejec | 20011 | \$ |
| 103 18 203 9 Claims in excess of 20 | 149 | 710 | 249 | 355 | For each additional inve | ntion to be | examined | |
| 102 80 202 40 Independent claims in excess of 3 | | | | | (37 C F R. §1 129(b)) | | | \$ |
| 104 270 204 135 Multiple dependent claim, if not paid | | | | | | | | |
| 109 80 209 40 ** Reissue independent claims over original patent | Othe | r Fee (sp | ecify) | | | | | \$ |
| 110 18 210 9 ** Reissue claims in excess of 20 and | | | | | | | | c |
| over original patent | Othe | Other Fee (specify) \$ | | | | | Φ | |
| SUBTOTAL (2) (\$) <u>0.00</u> | ** R | ** Reduced by Basic Fil | | | ng Fee Paid SUBTOTAL (3) | | | \$40.00 |
| SUBMITTED BY | | | | | Comple | Complete (if applicable) | | |
| Typed or Printed | | | | | | | | |
| Name Robert E. Bus | | | | | Reg. Number | | 27,7 | 74 |
| Signature Ray held | Date | 12 | 2 Mar | ch 2001 | 1 Deposit Accor | unt | | |